JVC

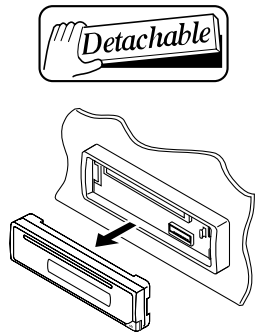
SCHEMATIC DIAGRAMS

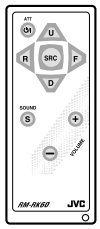
CD RECEIVER

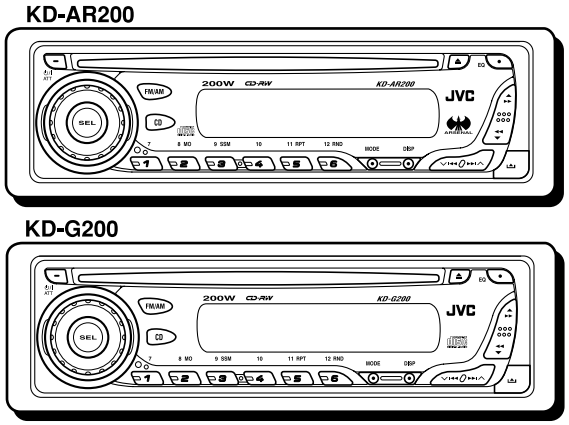
KD-AR200, KD-G200

CD-ROM No.SML200312

Area suffix
J ---------- Northern America







COMPACT disc DIGITAL AUDIO

CD-RW

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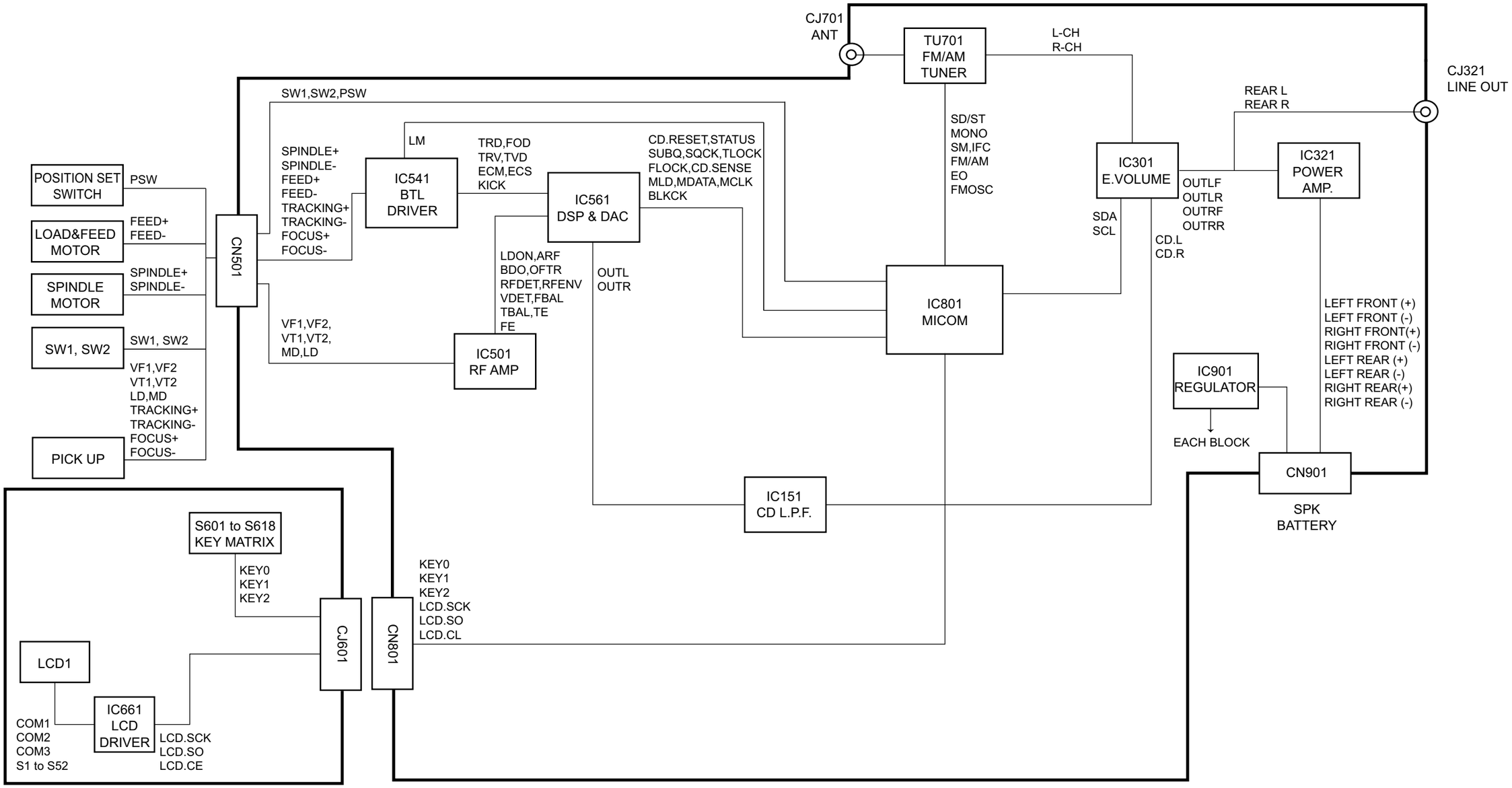
No.MA030SCH
2003/12

Safety precaution

⚠ ***CAUTION*** **Burrs formed during molding may be left over on some parts of the chassis. Therefore, pay attention to such burrs in the case of preforming repair of this system.**

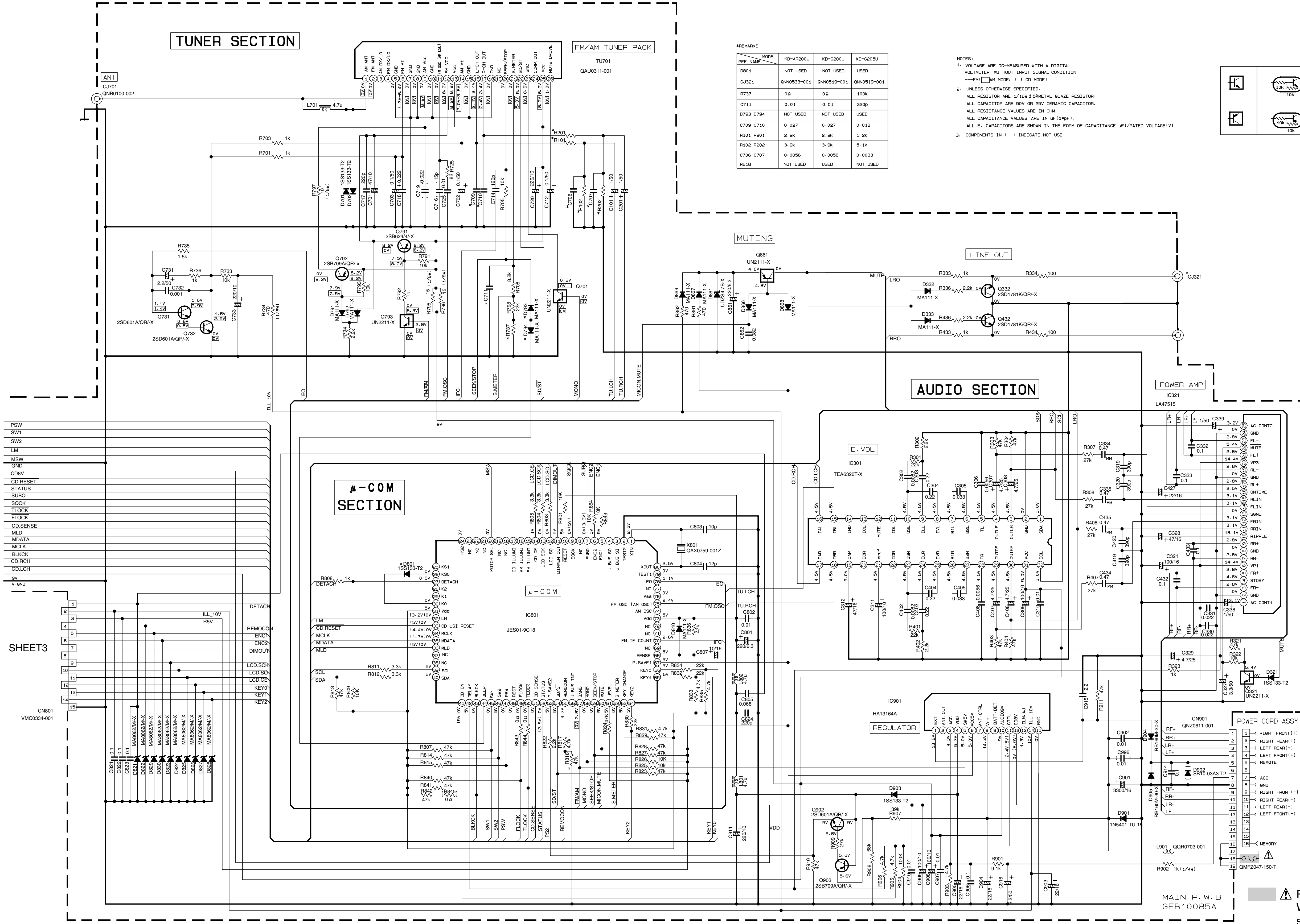
⚠ ***CAUTION*** **Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.**

Block diagram



Standard schematic diagrams

■ Main amplifier section



*REMARKS

REF NAME \ MODEL	KD-AR200J	KD-G200J	KD-G205U
D801	NOT USED	NOT USED	USED
CJ321	QNN0533-001	QNN0519-001	QNN0519-001
R737	0Ω	0Ω	100k
C711	0.01	0.01	330p
D793 D794	NOT USED	NOT USED	USED
C709 C710	0.027	0.027	0.018
R101 R201	2.2k	2.2k	1.2k
R102 R202	3.9k	3.9k	5.1k
C706 C707	0.0056	0.0056	0.0033
R818	NOT USED	USED	NOT USED

NOTES:

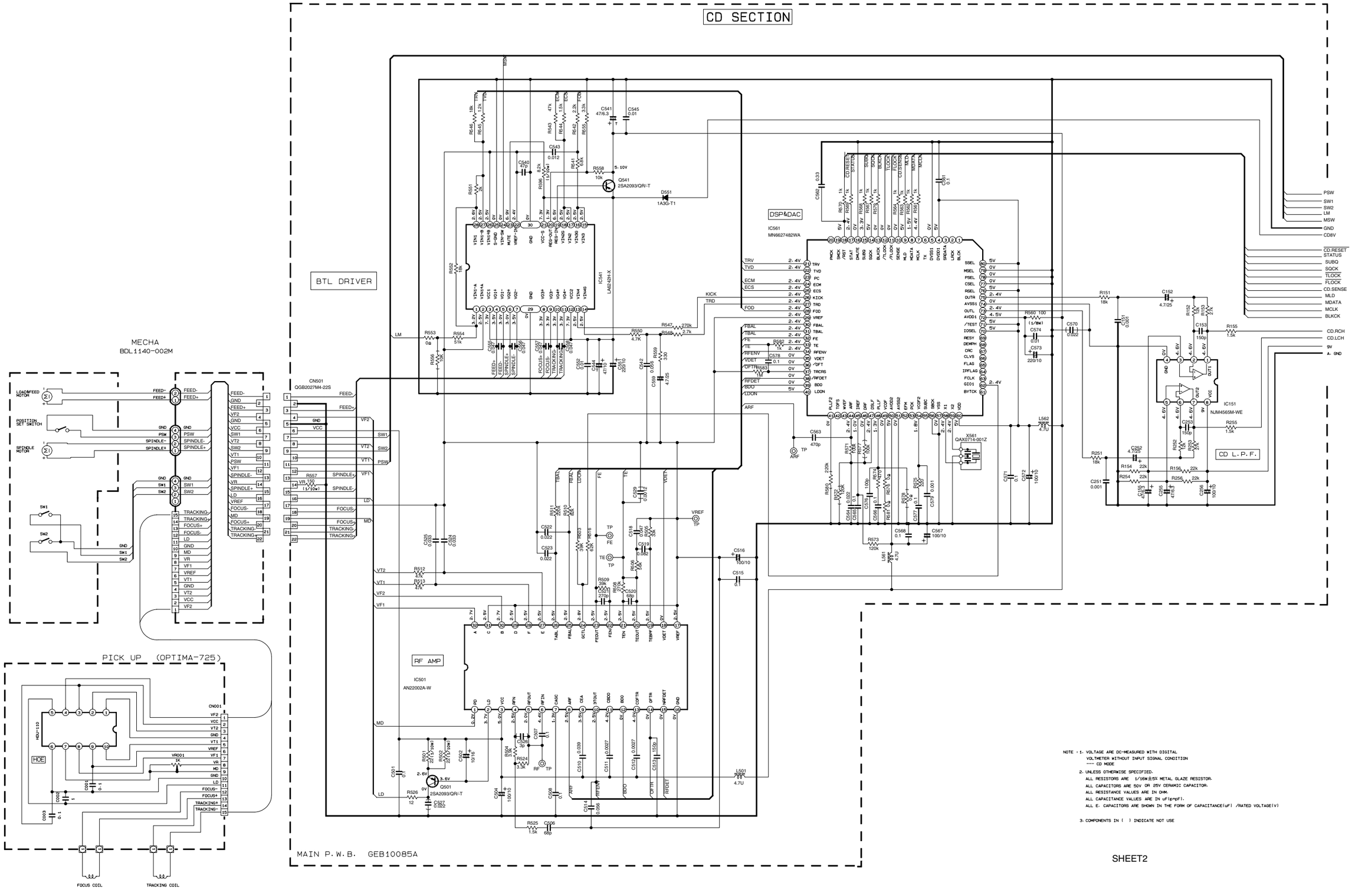
1. VOLTAGE ARE DC-MEASURED WITH A DIGITAL VOLTMETER WITHOUT INPUT SIGNAL CONDITION
   ---FM(☐ AM MODE, ( ) CD MODE)
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTOR ARE 1/16W ± 5%METAL GLAZE RESISTOR.
   ALL CAPACITOR ARE 50V OR 25V CERAMIC CAPACITOR.
   ALL RESISTANCE VALUES ARE IN OHM
   ALL CAPACITANCE VALUES ARE IN uF(p=pF).
   ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V)
3. COMPONENTS IN ( ) INDICATE NOT USE

	10k / 10k	UN2211-X
	10k / 10k	UN2111-X

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

SHEET1

■ CD servo section

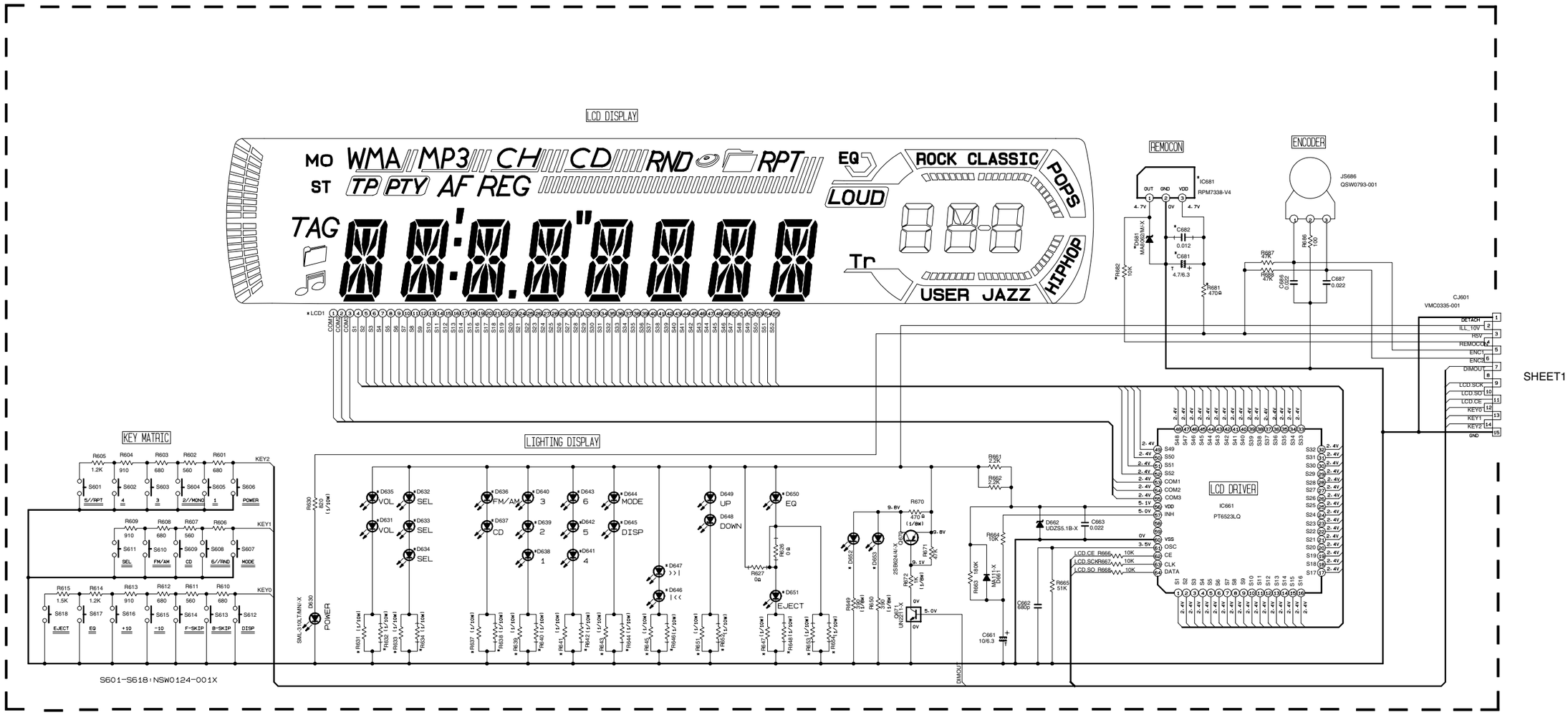


NOTE : 1. VOLTAGE ARE DC-MEASURED WITH DIGITAL
VOLTMETER WITHOUT INPUT SIGNAL CONDITION
--- CD MODE

2. UNLESS OTHERWISE SPECIFIED.
ALL RESISTORS ARE 1/16W±5% METAL GLAZE RESISTOR.
ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR.
ALL RESISTANCE VALUES ARE IN OHM.
ALL CAPACITANCE VALUES ARE IN uF(p=pF).
ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF) /RATED VOLTAGE(V)

3. COMPONENTS IN ( ) INDICATE NOT USE

■ LCD & Key control section



SHEET1

SW PWB: GEB10100A

*REMARKS

	MODEL	KD-G200J	KD-AR200J	KD-G205U
	LCD1	QLD0289-001	QLD0289-001	QLD0307-001
	D631-D635, D638-D643, D646-D651	SML-310VT/JK/-X	SML-310VT/JK/-X	LNJ308G81/1-3/X
FM/AM & CD	D636, D637	SML-310VT/JK/-X	LNJ308G81/1-3/X	LNJ308G81/1-3/X
MODE & DISP	D644, D645	SML-310VT/JK/-X	SML-310VT/JK/-X	SML-310VT/JK/-X
	D652-D653	NSPW310BS/B2RS	NSPW310BS/B2RS	NSPW310BS/BRS
POWER	R630	820	820	820
VOL	R631	470	470	470
SEL	R633	680	680	330
UP, DOWN	R651	470	470	390
FM/AM & CD	R637	820	470	820
1, 2, 3	R639	330	330	330
4, 5, 6	R641	330	330	330
MODE & DISP	R643	470	470	390
>>|, |<<	R645	470	470	390
EQ, EJECT	R647	470	470	390
	IC681, D681, C681, R681, R682	NOT USED	USED	USED

	10K / 10K	UN2211-X

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.

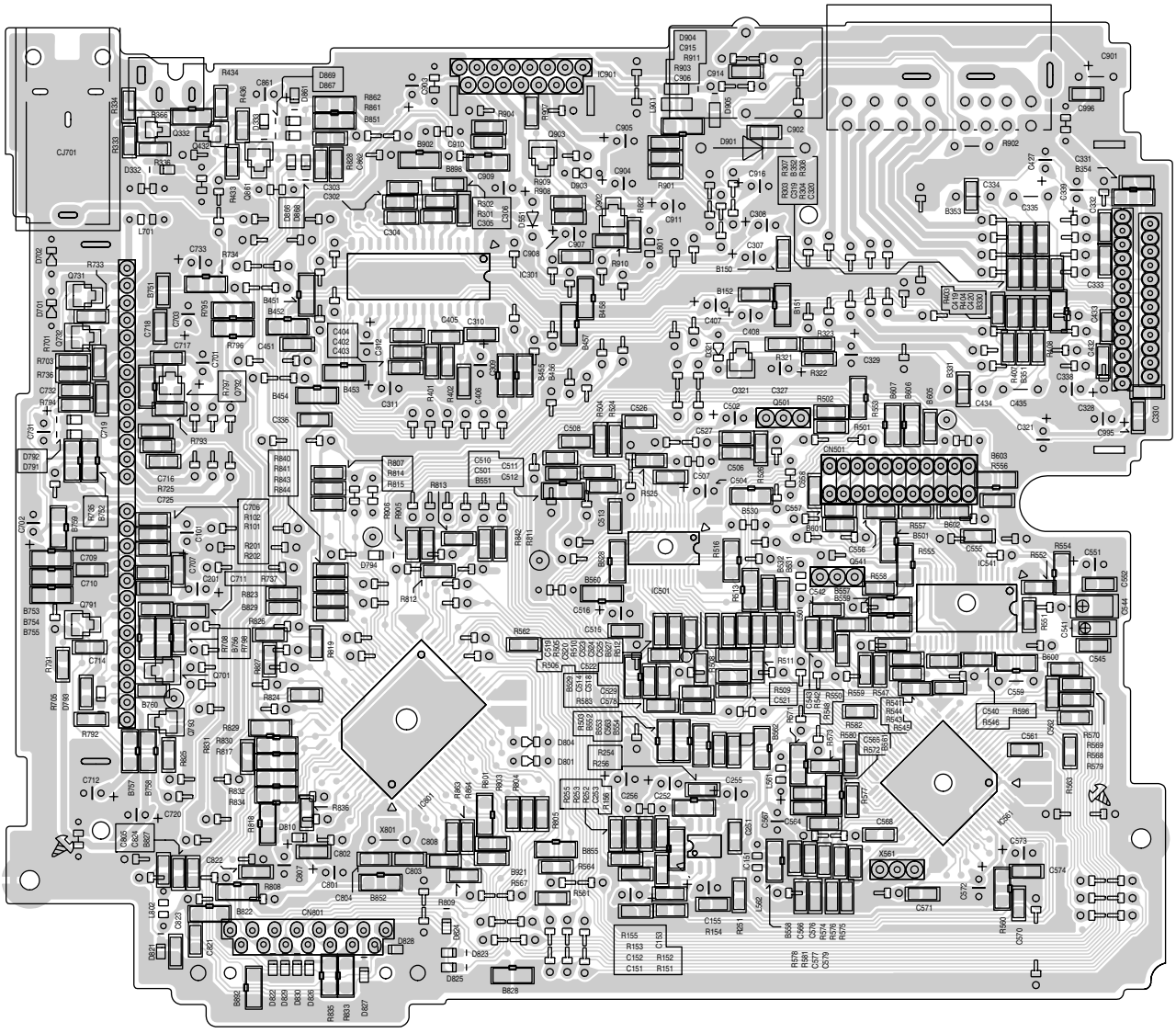
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/16W ±5% METAL GLAZE RESISTOR.
   ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR.
   ALL RESISTANCE VALUES ARE IN OHM.
   ALL CAPACITANCE VALUES ARE IN uF(P=pF)
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V)
   T ---- TANTAL CAPACITOR.

3. COMPONENTS IN ( ) INDICATE NOT USE.

SHEET3

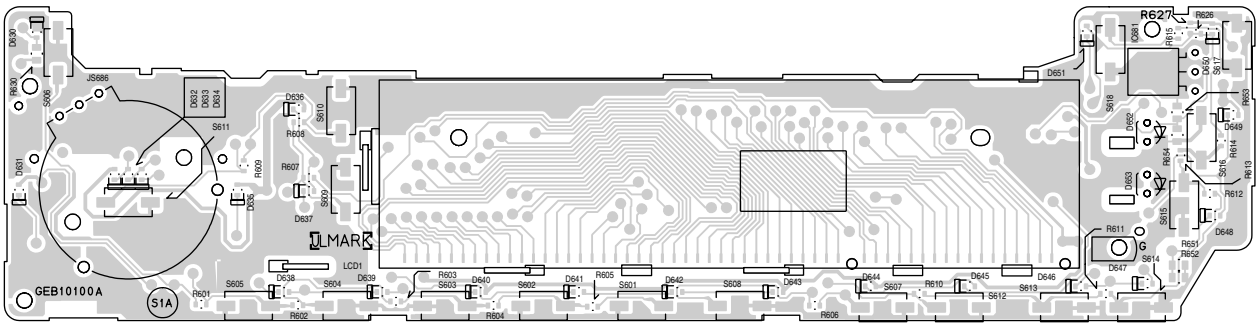
Printed circuit boards

■ Main board

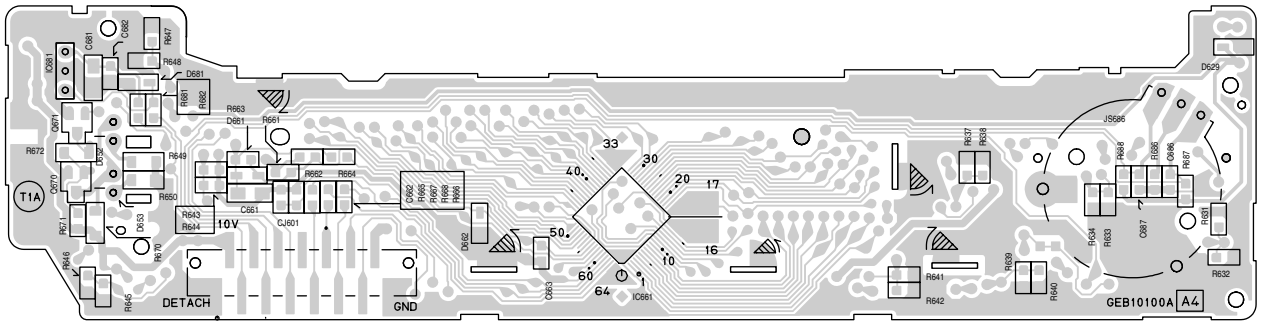


■ Front board

Forward side



Reverse side



< MEMO >

JVC

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(No.MA030SCH)

Printed in Japan
WPC